

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO. 50X1-HUM

COUNTRY Germany, (Russian Zone)

DATE DISTR. 2 SEP 49

SUBJECT Difficulties in Filling Russian
Orders at Oberspreewerk

NO. OF PAGES 2

PLACE
ACQUIRED

NO. OF ENCLS.
(LISTED BELOW)

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DATE OF IN

**SUPPLEMENT TO
REPORT NO.**

THIS IS UNEVALUATED INFORMATION

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The following orders with specifications were received by the Oberspreewerk from the Russians [redacted]:

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1. Apparatus for measuring the microphonic characteristics of tubes (Klingspannungsmessgerät), which would permit the tubes to be tested in all positions, (vertically or horizontally etc.) by means of mobile tube holders. The acceleration test applied to the tubes must be 3-5g, the acceleration meter must be built in, and the time is to be measurable up to 30 seconds.
2. Thirty additional cathode ray tubes with blue screens, to be built by the end of 1949.
3. Two thousand M470 tubes (150 watt modulation triode formerly known as the M419), 2000 G471 tubes (125 watt tetrode or pentode designed for the 15 meter band and formerly known as the G440), and 500 G800 tubes (150 watt tetrode or pentode) are to be furnished by the end of 1949.*
4. Five hundred ignitrons (1000 volt, 100 amp.), wanted by the end of 1949.*
5. Ten thousand detectors for electronic equipment operating on a 10 cm and 3 cm wave length, wanted by the end of 1949.*
6. A design for and a model of a fully automatic machine for making tube bases with leads or electrodes sealed in the base, to be ready by the middle of 1950. It must be able to produce 700 assemblies** for miniature tubes (Fingerröhren), and the electrode leads are to be sealed in automatically. It must be possible for one or two men to run three machines.**
7. Dr. Ströhler has left the CSW for CSRAM. The Russians have so far been unable to find anyone to replace him as technical director.

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Comment: The CSW is working at full capacity and it will probably be impossible to fill these orders.

*** Comment: No unit of time for production mentioned. This 50X1-HUM

CLASSIFICATION

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[illegible]

Document No.

NO CHANGE in Class. ☐ 50X1-HUM

DECLASSIFIED

Class. CHANGED TO: TS

DDA Memo, 4 Apr 77

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could mean 700 units per hour, based on comparison with a U.S. machine.

*** Comment: This order will certainly be refused since the CSW 50X1-HUM has never made such a machine as this, and insufficient time is given to work on this project.

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